

# PROJECT FACT SHEET

**CONTRACT TITLE:** Gypsy Field Project in Reservoir Characterization

**ID NUMBER:** DE-FG26-99BC15185

**CONTRACTOR:** University of Oklahoma

**B&R CODE:** AC1005000

**ADDR:** Office of Research Admin  
1000 Asp Avenue, Room 114  
Norman, OK 73019

**DOE HEADQUARTERS PROGRAM MANAGER:**

**NAME:** Edith C. Allison

**PHONE:** 202/ 586-1023

**CONTRACT PROJECT MANAGER:**

**NAME:** John Castagna

**PHONE:** 405/ 325-6697

**FAX:** 405/ 325-3140

**E-MAIL:** castagna@ou.edu

**DOE PROJECT MANAGER:**

**NAME:** Robert E. Lemmon

**LOCATION:** NPOT

**PHONE:** 918/ 699-2035

**E-MAIL:** blemmon@npto.doe.gov

**PROJECT SITE**

**CITY:** Norman

**STATE:** OK

**CITY:**

**STATE:**

**CITY:**

**STATE:**

**CONTRACT PERFORMANCE PERIOD:**

9/20/1999 to 9/19/2000

**PROGRAM:** Supporting Research

**RESEARCH AREA:** Rsvr Characterization

**PRODUCT LINE:** ADIS

FUNDING (1000'S)	DOE	CONTRACTOR	TOTAL
PRIOR FISCAL YRS	0	0	0
FISCAL YR 1999	250	67	317
FUTURE FUNDS	0	0	0
TOTAL EST'D FUNDS	250	67	317

**OBJECTIVE:** Improve recovery of conventional oil through better reservoir characterization of fluvial environments by using data from the Gypsy outcrop which is associated with the Gypsy field site.

**PROJECT DESCRIPTION:**

**Background:** This project has been an ongoing multi-year effort with the objective of using the Gypsy Field Test Site as a natural laboratory to conduct reservoir characterization research. Under this umbrella, a wide variety of ongoing projects have utilized Gypsy data and facilities of the Institute for Reservoir Characterization at the University of Oklahoma.

**Work to be Performed:** The project is comprised of three rather short-termed, specific projects, that will be fully completed by the end of the one-year project period. Work will take on a distinctly more geophysical character, as we will place more emphasis on the investigation of methods that utilize geophysical attributes to improve reservoir characterization.

**PROJECT STATUS:**

**Current Work:** As of 11/8/99. Notification of award received 10/8/99. Work begun 11/1/99.

(1) Development of geophysical algorithms has recommenced. (2) We are attempting to resurrect the original seismic data field tapes so that the data can be better conditioned for attribute analysis work. (3) We are following up Wei Wang's work by comparing three commercial flow simulation packages on the current Gypsy geological model, updating the model using the seismic attribute work, and determining the impact on flow simulation. (4) Multi-resolution analysis and outcrop work have not recommenced.

**Scheduled Milestones:**

Project progress/planning meeting to review personnel progress and assignments and establish firm milestone dates 11/99

**Accomplishments:** No significant accomplishments to date as of 11/9/99 (work commenced 11/1/99).